TO: Mary Sanderford DATE: March 16, 1977

FROM: J. E. Wickham

SUBJECT: Virginia Panel V-4588

Submitted By: P. Gauvin

D7KL = Red L9 and Black S7 = Kent Golden Lights 85 Cigarettes
D7KM = Red S7 and Black L9 = 85 mm 5 mg Candidate, D7CFU Blend With White Tipping

The 85 mm 5 mg candidate, D7CFU blend with white tipping (D7KM), was different from the Kent Golden Lights 85 cigarettes (D7KL) in all characteristics tested except puff count, static burning time, circumference, type paper additive, and tipping paper length.

The Kent Golden Lights 85 cigarettes will be identified with "PR" sheet to the panelists.

	Kent Golden Lights 85	85 mm 5 mg Candidate D7CFU Blend With White Tipping
IBM Code	D7KL	D7KM
Smoke		
Butt Length, mm	35	35
FTC Tar, mg/cigt.	7.6	4.6
Nicotine, mg/cigt.	0.69	0.42
Puffs/cigt.	7.6	8.2
Filtration Eff., %	52	63
Cigarette		
Total RTD, in. of H_2O	3.7	4.3
Static Burn. Time, min.	6.6	6.9
Length, mm	84.6	84.1
Circumference, mm	24.9	25.0
Paper		
Additive, type	Cit.	Cit.
Porosity, sec.	19	10
Filter		
RTD, in. of H_2O	2.9	3.8
Length, mm	24.9	26.9
Weight, g	0.16	0.19
Tipping paper length, mm	32	32
Dilution, %	38	50
Filler		
Total alkaloids, %	1.88	1.65
Total reducing sugars, %	6.8	5.3
Wt. of tob., g	0.665	0.698
Rod Density, g/cc	0.226	0.245

JEW:gmm

cc: Dr. R. B. Seligman
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Analytical File

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